

CONFIDENTIAL

Release Date 11-28-95

RIDGEWAY PC NO. 1A
NESW 15-12N-29E (883)

(over)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

DESCRIPTION OF WELL AND LEASE

Operator Ridgeway Arizona Oil Corp.		Address 1080,700 - 4th Avenue SW Calgary, Alberta Canada T2P 3J4	
Federal, State or Indian Lease Number or name of lessor if free lease Plateau Cattle Company		Well Number 1A	Field & Reservoir Wildcat Fort Apache
Location 2983'FNL & 3509'FEL (NE/SW)		County Apache County	
Sec. TWP-Range or Block & Survey SW/4 Section 15, T12N, R29E			
Date spudded 11/25/94	Date total depth reached 11/27/94	Date completed, ready to produce 11/28/94	Elevation (IDF, RKB, RT or Gr.) 6372' GR feet
Elevation of casing hd. flange 6372 feet			
Total depth 215'	P.B.T.D. 215'	Single, dual or triple completion? Single	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion Moenkopi		Rotary tools used (interval) 0-215'	Cable tools used (interval) ---
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? No	Date filed No
Type of electrical or other logs run (check logs filed with the commission) None			Date filed

CASING RECORD

Casing (report all strings set in well - conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	8-3/4"	7"	23 & 20#	193'	80	Circ
Production	6-1/4"	Open Hole				

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft)
2-3/8" in.	193 ft.	ft.	in.	ft.	ft.	ft.	ft.

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

INITIAL PRODUCTION

Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)				
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity *API (Corr)
Tubing pressure 0	Casing pressure 0	Cal'ed rate of Production per 24 hrs. 0	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

Well shut in for pressure buildup.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the Ridgeway Arizona Oil Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 12/14/94 AZ OIL & GAS
CONSERVATION COMMISSION

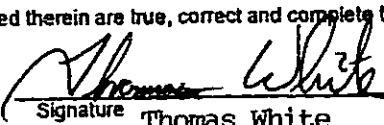
Signature Paul C. Thompson
Paul C. Thompson

REC
JAN 23 1994

Permit No.

883

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4 File One Copy

PLUGGING RECORD					
Operator Ridgeway AZ Oil Corp.			Address & Phone number 520-2337-3230 P. O. Box 1110 St. Johns, AZ 85936		
Federal, State, or Indian Lease No. or lessor's name if fee lease		Well No. Plateau	Field & Reservoir Wildcat		
Location of Well Sec. 15, Twp 12N Rge 29E			Sec - Twp - Rge		County Apache
Application to drill this well was filed in name of Ridgeway AZ Oil Corp.		Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbls/day) Ø Gas (MCF/day) Ø		Dry? yes
Date plugged 11-8-97		Total depth 215'	Amount well producing when plugged: Oil (bbls/day) Ø Gas (MCF/day) Ø		Water (bbls/day) Ø
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement	
N/A	N/A	N/A		N/A	
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, etc.)	Packers and shoes
7" 23#	193'	0	193'		Ø
Was well filled with heavy drilling mud, according to regulations?			Indicate deepest formation containing fresh water		
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well	
H. Jay Platt		P. O. Box 426 St. Johns, AZ 85936			
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Plugged well with cement to surface					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Production Manager</u> of the <u>Ridgeway AZ Oil Corp.</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date 11-11-97		Signature  Thomas White			
Mail completed form to: Oil and Gas Program Administrator Arizona Geological Survey 416 W. Congress, #100 Tucson, AZ 85701			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		
Permit No. 883			Form No. 10		

APPLICATION TO PLUG AND ABANDON

FIELD Wildcat

OPERATOR Ridgeway AZ Oil Corp. ADDRESS P. O. Box 1110 St. Johns, AZ 85936
 Federal, State or Indian Lease Number _____ WELL NO. Plateau Cattle #1A
 or Lessor's Name if Fee Lease _____

LOCATION 2983' FNL & 3509' FEL (NE/SW)
Section 15, Township 12N, Range 29 East

TYPE OF WELL Dry Hole TOTAL DEPTH 215'
 (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST OIL Ø (Bbls.) WATER Ø (Bbls.)
 GAS Ø (MCF) DATE OF TEST 11-28-94

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.
7" 23# casing set @193'

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

Leave casing in hole and cement to surface

*Approved on condition that dry hole marker installed
 in accordance with A.A.C. R12-7-127(F).*

DATE COMMENCING OPERATIONS Not yet available

NAME OF PERSON DOING WORK Dowell/Schlumberger ADDRESS #17 County Rd Farmington, NM



[Signature]
 Signature
Production Manager
 Title
P. O. Box 1110 St. Johns, AZ 85936
 Address
October 22, 1997
 Date

Date Approved 10/23/97
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: SL Rain

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Plug and Abandon
 File Two Copies

Form No. 9

Permit No. 883

STATE: ARIZONA
COUNTY: APACHE
API 02-001-20288
FIELD: WILDCAT
WELL CLASS: WF
OPR: RIDGEWAY / ARIZONA OIL

REISSUE

12N-29E 15
NE SW
2983 FNL 3583 FEL
STATUS: D&A

1A RIDGEWAY PLATEAU CATTLE CO

SPUD: 11/28/94 COMP: 11/08/97 ELEV: 0377 KB 6372 GR
ID: 215 (11/27/94) FM/TD: SAN ANDRES
CONTR: SALAZAR DRLG RIG #4 (R) (VERTICAL)
PROJ DEPTH/FM: 220 SAN ANDRES PERMIT #883

COMP 11/8/97, D&A REISSUE TO ADD & CORRECT DATA REPLACES CARD ISSUED 10/25/96

LOC DESCRIPTION: 51 MI S NAVAJO SPRINGS FLD(COCONINO) 59 FT FROM POSS GAS DISC 7 MI SE ST
JOHNS, AZ; LAT: 3443669 LONG: 10926631;
WELL ID CHANGES: STATUS CHGD FROM TA
CASING: 7 @ 193;
DRLG COMMENTS: DRLD W/CO2 FROM DISCOVERY WELL, MAY USE THIS WELL AS A DISPOSAL WELL IN
THE FUTURE.
OPER ADD: 1080-700 4TH AVE SW, CALGARY, AB, CD, T2P3J-0004 PHONE (800) 347-0294;

REGION REPORT
PAGE

REISSUES

ARIZONA

APACHE COUNTY

15-12N-29E
NE SW
2983 FNL 3583 FEL

WILDCAT; PERMIT #883; 220 SAN ANDRES, (FR 12/08/94FM) OPER ADD: WF
1080-700 4TH AVE SW, CALGARY, AB, CD, T2P3J-0004 PHONE (800) 347-0294; D&A
EL: 6377 KB; LOCATION DATA: 51 MI S NAVAJO SPRINGS
FLD(COCONINO) 59 FT FROM POSS GAS DISC 7 MI SE ST JOHNS, AZ; TO BE
VERTICALLY DRILLED. WELL ID CHANGES: STATUS CHGD FROM TA

● CONTR: SALAZAR DRLG, RIG #4:SPUD: 11/26/94, CSG: 7 @ 193; DRLG COMMENTS: DRLD W/CO2 FROM DISCOVERY WELL, MAY USE THIS WELL AS A DISPOSAL WELL IN THE FUTURE. 215 TD. (SAN ANDRES) (TD REACHED: 11/ 27/94); 215 TD. COMP 11/8/97, D&A REISSUE TO ADD & CORRECT DATA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.

2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) CO2

3. Well Name Plateau Cattle 1A
 Location 3023' ENL and 3564' EEL
 Sec. 15 Twp. 12N Rge. 29E County Apache, Arizona

4. Federal, State, or Indian Lease Number, or lessor's name if fee lease Platt

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Mr. Jay Platt has a water well company evaluating this well for Ranch Water. I have contacted him and he is to give us an answer by August 21, 1997.

(mailed two water well Acceptance forms to Don Riggs on 8/25/97 with note for Platt to fill out & return to this office if he accepts the 1A as water well. SLR)



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title Vice President

Date 8-5-97

Permit No. 883

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells Form No. 25 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

STATE: ARIZONA
COUNTY: APACHE
API 02-001-20298
FIELD: WILDCAT
WELL CLASS: WF

OPR: RIDGEWAY ARIZONA OIL

1A RIDGEWAY PLATEAU CATTLE CO

12N-29E 15
NE SW
2983 FNL 3583 FEL
STATUS: TA

SPUD: 11/26/94 COMP: 09/11/96 ELEV: 6377 KB 6372 GR
ID: 220 (11/27/94) FM/TO: SAN ANDRES
CONTR: SALAZAR DRIG RIG #4 (R) (VERTICAL)
PROJ DEPTH/FM: 220 SAN ANDRES PERMIT #883

COMP 9/11/96, TEMP ABND.

LOC DESCRIPTION: 51 MI S NAVAJO SPRINGS FLD(COCONINO) 59 FT FROM POSS GAS DISC 7 MI SE ST
JOHNS, AZ, LAT 3443669 LONG 10926631.
CASING: RAN SURF CSG.
DRIG COMMENTS: DRIG W/CO2 FROM DISCOVERY WELL, MAY USE THIS WELL AS A DISPOSAL WELL IN
THE FUTURE
OPER ADD: 1080-700 4TH AVE SW, CALGARY, AB, CD, T2P3J-0004 PHONE (800) 347-0294;

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator RIDGEWAY ARIZONA OIL CORP.

2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) _____

3. Well Name Plateau Cattle Company #1A
 Location 2983'FNL & 3509'FEL (NE/SW)
 Sec. 15 Twp. 12 Rge. 29E County Apache, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease _____

5. Field or Pool Name Wildcat Fort Apache

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>SEE BELOW</u>	<u>XX</u>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

REQUEST PERMISSION FOR LONG TERM SHUT-IN PENDING FURTHER EVALUATION.

**AZ OIL & GAS
CONSERVATION COMMISSION**
DEC 23 1994

8. I hereby certify that the foregoing is true and correct.

Signed Paul C. Thompson Title Agent Date 12/15/94
Paul C. Thompson, P.E.
Walsh Engr. & Prod. Corp.

Permit No. 883

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File One Copy
Form No. 25

OCT-28-'00 FRI 08:24 ID:

TEL NO:

#222 P04

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER		
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>
NAME OF COMPANY OR OPERATOR RIDGEWAY ARIZONA OIL CORP.		
Address City State 1080, 700 - 4th Ave. S.W. Calgary Alberta T2P 3J4		
Drilling Contractor JOE I. SALAZAR DRILLING Address P.O. Box 916, Grants, N.M. 87020		
DESCRIPTION OF WELL AND LEASE		
Federal, State or Indian Lease Number, or if fee lease, name of lessor RIDGEWAY PLATEAU CATTLE CO.	Well number 1A	Elevation (ground) 6372' GL
Nearest distance from proposed location to property or lease line: 1630 feet	Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 40 feet	
Number of acres in lease: 7743.33 acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: One	
If lease, purchased with one or more wells drilled, from whom purchased: Name Address N/A		
Well location (give footage from section line) 2983' ENL & 3583' FEL	Section-Township-Range or block and survey Sec 15, T12N, R29E, C&SRM	Dedication (Comply with Rule 106) 80 acres N$\frac{1}{2}$SW$\frac{1}{4}$
Field and reservoir (if wildcat, so state) Wildcat	County APACHE	
Distance in miles, and direction from nearest town or post office 7 miles S.E. of St. Johns, Arizona		
Proposed depth: 220'	Rotary or cable tools Rotary	Approx. date work will start Nov. 18/94
Bond Status on file	Organization Report On file	Filing Fee of \$25.00 Attached
Amount \$25,000.00		
Remarks: Drilling Prognosis Attached API # 02-001-20298		
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>President</u> of the <u>Ridgeway Arizona Oil Corp.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>[Signature]</u> Date <u>Nov. 14/94</u>		
Permit Number: <u>883</u> Approval Date: <u>11-29-94</u> Approved By: <u>Steven L. Raring</u>		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File Two Copies Form No. 3
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		

OCT-28-'00 FRI 08:23 ID:

TEL NO:

#222 P02

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO XX .
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES XX NO _____. If answer is "yes," Type of Consolidation Operating Agreement
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner Frank Shogrin, Longmont, CO - 20% Ridgeway Arizona Oil Corp, Calgary-80%	Land Description Sec 15, T12N, Rge 29E Apache County, Arizona
---	--

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

James E. Andrews
 Name
 District Surveyor
 Position
 Powers Elevation Co., Inc.
 Company
 September 26, 1994
 Date

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

James E. Andrews
 Date Signed
 26 September 1994
 Registered Professional Engineer
 and/or Land Surveyor
 State of Arizona U.S.A.

Certificate No. **14657**

PROPOSED CASING PROGRAM

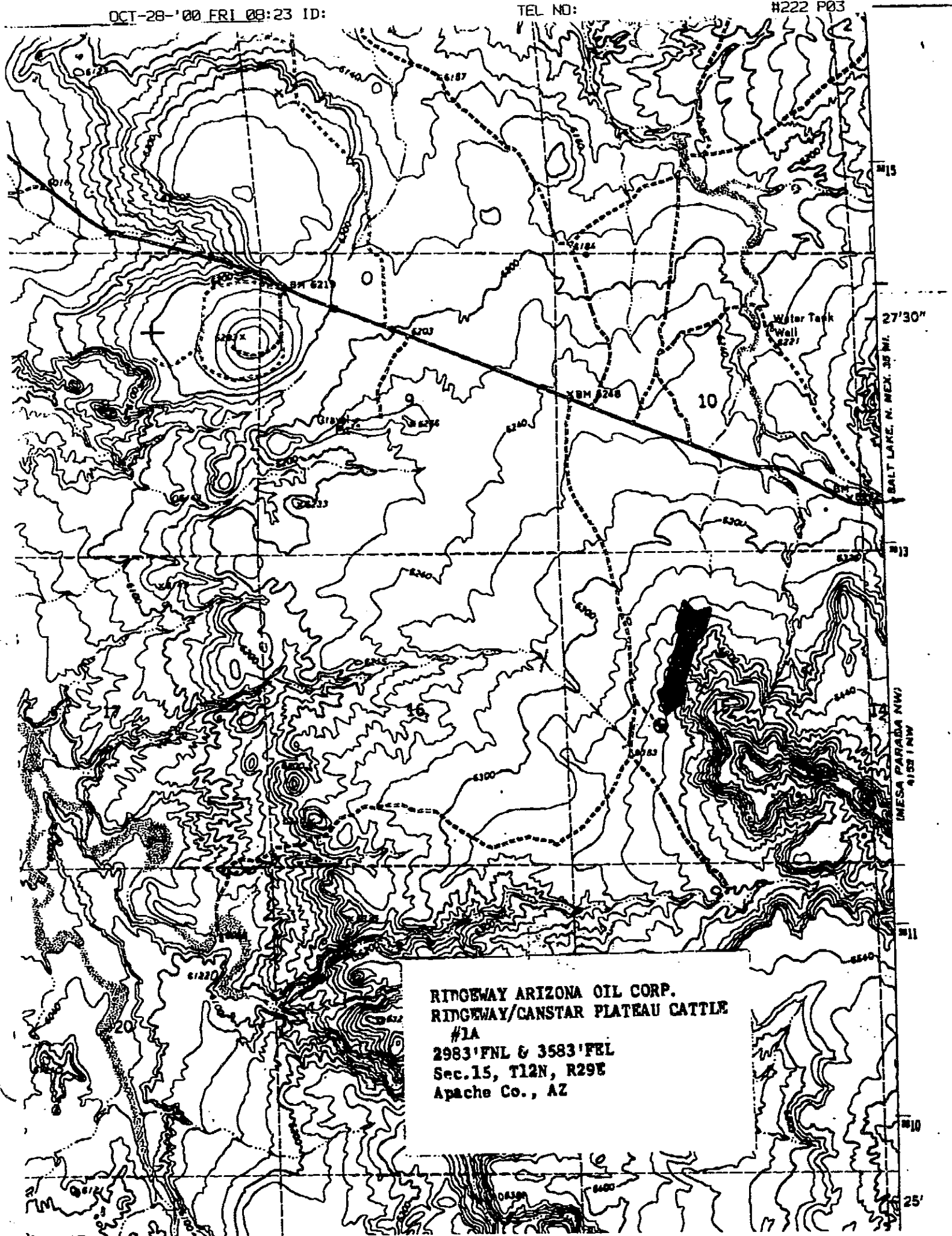
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Bags Cement	Type
7"	23#	J55	Surf	195'	195'	50 saks	C1B 1/4" Cello Flake 2% CACI ₂

* 1A. +d @ 215'
* 1 +d @ 2431'

OCT-28-'00 FRI 08:23 ID:

TEL NO:

H222 P03



RIDGEWAY ARIZONA OIL CORP.
RIDGEWAY/CANSTAR PLATEAU CATTLE
#1A
2983' FNL & 3583' FEL
Sec. 15, T12N, R29E
Apache Co., AZ

From : WEPC (505) 327-4

Oct. 1994 02:03 PM P01



WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892

**Drilling Prognosis for
Ridgeway Petroleum Corporation
Plateau Cattle Co. #1A**

Location: NE/4 Sec 15 T12N R29E
Apache County, AZ

Date: October 27, 1994

Field: Moenkopi Wildcat
Surface: Fee
Minerals: Fee

Elev: GL 6372'
KB
PBTB

Procedures:

1. Dig small reserve pit.
1. MOL and RU drilling rig. Hold safety meeting.
2. Drill 8-3/4" hole with spud mud to 195'.
3. Set 7", 23#, J-55 casing at 195' and cement with 50 ex. of C1 "B" with 1/4# cello-flake/sk. and 2% CaCl₂. WOC 12 hours.
4. Cut off casing and weld on well head. Nipple up flow tee and rotating head.
5. Drill cement to 190' with water and a 6-1/4" bit. Circulate hole clean.
7. Change over to air and blow well dry. Drill to TD of 215' with air.
8. TOH and lay down drilling tools.
9. TIH with 2-3/8" tubing with seating nipple on top of bottom joint and land at approximately 205' KB.
10. Nipple up well head. Release rig.
11. Test well through test separator and meter until flow stabilizes. Collect gas sample for analysis. Shut well in and release test unit.

Post-it brand fax transmittal memo 7671		# of pages	2
To	Walter Ruck	From	Paul Thompson
Co.	Ridgeway Pet. Corp	Co.	Walsh Engr.
Dept.		Phone	
Fax	403 262-5294	Fax	505 327-4892

Paul C. Thompson
Paul C. Thompson, P.E.

3000 PSI REAGAN BLADDER TYPE B.O.P.



28" HIGH - 8" OPENING

Will shut in at 3000 PSI --- Blind, around Kelly or Drill pipe
B.O.P. can be operated either manually or with rig's hydraulic
system.



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: RIDGEWAY ARIZONA OIL CORPORATION
(OPERATOR)

to drill a well to be known as

PLATEAU CATTLE CO. #1A
(WELL NAME)

located 2983 FT FROM NORTH LINE & 3583 FT FROM EAST LINE OF

Section 15 Township 12N Range 29E, APACHE County, Arizona.

The NORTH HALF OF THE SOUTHWEST QUARTER of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 29 day of NOVEMBER, 19 94.

OIL AND GAS CONSERVATION COMMISSION

By Steven L. Rading
EXECUTIVE DIRECTOR

OIL & GAS PROGRAM ADMINISTRATOR

PERMIT 00083

RECEIPT NO. 3071

A.P.I. NO. 02-001-00298
02-001-20298

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

file 883

MEMORANDUM TO FILE

DATE: June 27, 1994

FROM: *SLR* Steven L. Rauzi
Oil and Gas Program Administrator

SUBJECT: Known and reasonably estimated freshwater aquifers in vicinity of
RIDGEWAY/CANSTAR PLATEAU CATTLE NO. 1
NW NE SW Sec. 15, T. 12 N., R. 29 E., Apache County

Rick Herther, Basic Data Section, Arizona Department of Water Resources, reported this date that no water wells are registered in sec. 15, T. 12 N., R. 29 E., the vicinity of the subject well. The nearest water wells registered with the Department are in the northeast quarter of section 10, the northeast quarter of section 20, and the northeast quarter of section 23. The well in section 10 is 227 feet deep with a water level recorded at a depth of 209 feet in 1953. The well in section 20 is shallow with a reported water level at a depth of 30 feet. The well in section 23 is 800 feet deep with a water level reported at a depth of 545 feet.

Thus the proposed casing program for conductor pipe cemented to 150 feet and surface casing cemented to 810 feet will be sufficient to protect all known and reasonably estimated fresh water aquifers at the location of the subject well.

Operator Ridgeway Arizona Oil Corporation

Bond Company: Bank One Arizona Amount: \$25,000*

Bond No.: CD#4002111 (\$10,000) 07/07/94
CD#4002112 (\$15,000) Date approved: 11/28/94

* Two separate CD's to make up one blanket bond. These 2 CD's are not to be released until all wells covered by the blanket bond have been plugged and abandoned.

Permits covered by this bond:

883 ✓
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904

Ridgeway expands drilling to 12 wells ⁸⁸³



Photo by Art Harrington

Ridgeway Petroleum president Walter B. Ruck, (rt.) has announced the company will drill 12, instead of 10, delineation wells. Don Riggs, manager of Ridgeway Arizona, is also pictured.

ST. JOHNS — Walter B. Ruck, president of Ridgeway Petroleum, announced Thursday in St. Johns that the Calgary-based company's 10-well delineation drilling program has been expanded to 12 wells. The company's president and chairman of the board was in Arizona to meet with staff and to personally check on the progress being made in defining the company's highly-successful CO₂ discovery in southern Apache County.

"Every CO₂ field has been discovered by accident," he said. "We initially came here searching for oil." The tip-off for Ridgeway had been the published results of the geothermal drilling done several years ago at Alpine, which had been funded by the United States Department of Energy. While Ruck still believes oil may be found in the area, the company's initial drilling discovered a vast reservoir of carbon dioxide gas instead. Ruck explained that it seems to be found where there has been contact between volcanic deposits and wet

limestone. "The fields are typically very large when you find them," he said. "But you may drill hundreds of wells searching for the gas and never find it." So far the gas has been found in every well Ridgeway has drilled here.

California petroleum and food industries all need CO₂ badly, Ruck explained, since no natural reservoirs of it have ever been discovered there. The demand is such that there appears to be substantial interest in constructing a pipeline which would likely carry the liquefied and pressurized gas from southern Apache County to Bakersfield, Cal. Ruck estimates it would cost between \$200-250 million to build such a pipeline.

The Arizona Oil and Gas Commission has decided to hold its annual meeting on June 13 in St. Johns at Ridgeway's offices. According to Ruck, the meeting is kind of snowballing. At least four pipeline companies have notified him they plan to come,

along with representatives of a number of major oil companies. Ruck expects some important decisions about the future of Ridgeway's project may be made at that time.

Ruck cautioned, "We're not a panacea for the area." He noted that the local unemployment rate will not be reduced much by the CO₂ development, since most of the work is so specialized it requires bringing in highly-trained and experienced personnel. On the other hand, he admitted, he believes the development will ultimately be good for the area. It is already infusing money into the local economy. The company now has a large drilling rig and a service rig, or completion unit, in addition to all of the other well services which have come in to assist in the exploration. "It is also an environmentally clean industry, when compared to other oil and gas exploration," he said.

What about the helium content? According to Ruck, it has been significant, testing between .65 and .70 percent. By comparison, he said, most of the helium being commercially extracted tests at less than .30 percent. Consequently, the construction of a helium extraction plant is still a possibility, he said, "But it would be expensive — probably \$35-40 million." Interestingly enough, the United States produces 95 percent of the world's helium.

The president said the company will be going to faster air drilling for the remainder of the planned wells. He said the down side is that it is impossible to core or to get the quality of samples which can be obtained by mud drilling. "We did enough coring and drill-stem testing on the first wells, though, that we can stand the air drilling on the remaining wells," he said.

The wells drilled thus far have ranged from 1,800 to 3,150 feet. "As we go further north," Ruck said, "the wells may go down to 4,500." The required depth can vary as much as 450 feet, due to surface elevation differences. All of the wells are now being taken down to the granite.

Stock soars on drilling discoveries

Art Harrington
The Observer

APACHE COUNTY —

Southern Apache County is making international news with the discovery of its vast CO₂ resources. Consequently the stock of developer Ridgeway Petroleum Corporation continues to climb.

Drilling by Aztec Well Service, contracted by Ridgeway, began on February 12 to prove up the carbon dioxide gas reserves which had been estimated at four-to-five trillion cubic feet. The huge rigs have lost no time in completing seven wells and are now working on the eighth.

According to information *The Observer* has been able to discover, the company has hit CO₂ in each of the wells drilled. This would seemingly indicate widespread deposits, since drilling thus far has been reported in areas from north of St. Johns to just northeast of Springerville.

The discovery has not escaped the attention of the stock market. Ridgeway Petroleum stock (symbol RGW) has moved this year from a low of \$.92 per share to a high of \$7.35 (Canadian). On Friday it closed at \$5.55, having traded as high as \$5.75 that day.

On Monday trading of the stock on the Vancouver exchange was temporarily halted. It was resumed after the company announced a blowout on the #6 well had been contained. With that being an indicator of an even greater reservoir, the stock closed on Monday at \$6.00.

Ridgeway was incorporated February 22, 1980 as Brent West Minerals. It continued doing business under that name until February 26, 1990, when it became Ridgeway Petroleum Corp. Its

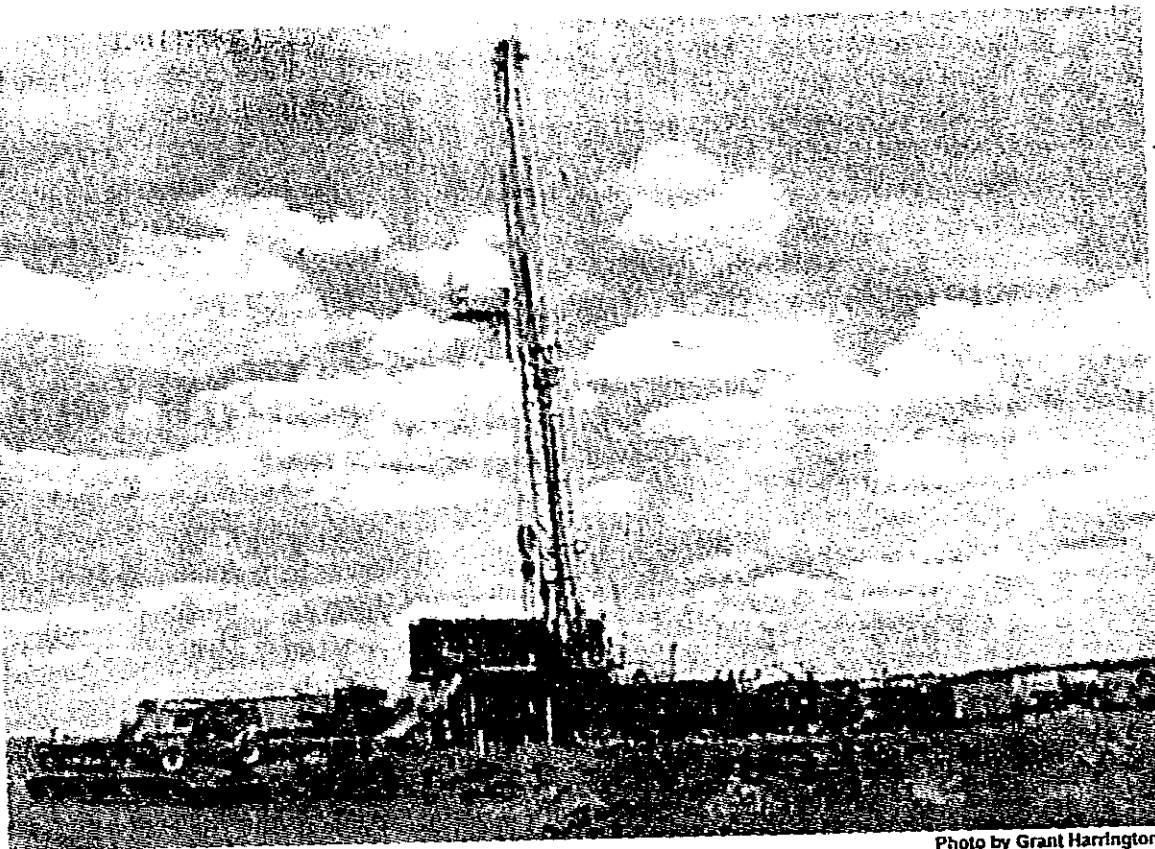


Photo by Grant Harrington

Drilling in southern Apache County has revealed immense deposits of CO₂. Ridgeway Petroleum, the developer, has realized spectacular increases in its stock since the news of the discoveries has reached investors. The rig pictured above costs over \$1 million dollars. It has a crew of eight which man it with 12-hour shifts, so the rig can keep drilling 24-hours a day.

home office is in Calgary, Alberta, Canada. The primary business of the company is the extraction of oil and gas, with a secondary interest in diamonds. As of May 2, 11,061,829 of its authorized 25,000,000 shares had been issued. The volume traded on that day was 12,700.

Ridgeway President Walter Ruck also announced on May 2 that a 4,800,000 special warrant brokered private placement through Yorkton Securities had closed. Gross proceeds of \$16,800,000 were received, of which approximately \$10 million was being held in escrow, pending the advancement of the company's previously announced transaction involving Arizona Resources In-

dustries.

Is there a market for such CO₂ resources? Without a doubt. The largest consumer of CO₂ is the petroleum industry, which uses the gas to help force otherwise unretrievable oil deposits into collectable pools. The Permian Basin in west Texas and eastern New Mexico, for example, uses in excess of 1.4 billion cubic feet per day in its oil recovery operations. The hundreds of other uses for CO₂ include a diversity ranging from food processing, carbonation of beverages and water purification, to flash freezing.

How would the product be moved? According to information *The Observer* has been able to glean, resources of two trillion cubic feet would justify the construc-

tion of a pipeline to oilfields in California or Texas. The company has apparently proven with its wells drilled thus far that more than adequate reserves exist to begin planning for a pipeline.

Our information also indicates that a number of major players in the industry are actively involved in bidding on the gas. Names such as Chevron and Cal Resources continue to surface.

Also previously reported has been the discovery of helium, along with the CO₂. While the quantity of helium has yet to be determined, *The Observer* understands Ridgeway is also evaluating the possibility of building a helium extraction plant in southern Apache County.



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

March 25, 1997

Mr. Don Riggs
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

file 883

Dear Mr. Riggs:

A copy of the amended application to drill the 9-22-29 well showing the amended location and elevation is enclosed for your file.

I have also enclosed a copy of R12-7-121, *Well Completion and Filing Requirements* and a check list showing the current compliance status of your wells. Let me know if you disagree with anything on the list.

Sincerely,

Steven L. Rauzi

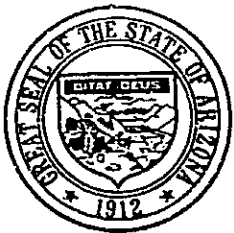
Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

RIDGEWAY ARIZONA OIL CORPORATION

Compliance status of wells as of 3/25/97

Well	Permit	Drilling Summary	Completion Report	Samples	Logs	Core Analyses	DST Report	Gas Analyses	Well Signs	Application to P&A	P&A Record	Comments
1 Plateau Cattle	880	On file	On file	On file	On file	n/a	On file	On file	DUE			SI 8/94
1A Plateau Cattle	883	On file	On file	n/a	n/a	n/a	n/a	n/a	DUE	DUE		TA 11/94, Needs P&A
22-1 State	885	On file	DUE	On file	On file	n/a	n/a	n/a	DUE	DUE		TA 8/95, Needs P&A
3-1 State	884	On file	On file	On file	On file	n/a	n/a	On file	DUE			SI 9/95
22-1X State	888	PENDG	PENDG	PENDG	On file	PENDG	PENDG	PENDG	DUE	n/a		SI 2/97, WOCT
11-21 State	895	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	DUE	n/a		SI 3/97, WOCT
9-21 State	897	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	DUE	n/a		SI 3/97, WOCT
10-22 State	896	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	DUE	n/a		DRLG 3/97



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

September 26, 1996

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Re: Expiration of State Drilling Permits
Ridgeway 35-1 State, Permit 890
Ridgeway 10-1 State, Permit 891
Ridgeway 11-1 State, Permit 892
Ridgeway 02-1 State, Permit 893

file P/N 883

Dear Mr. Ruck:

The referenced drilling permits, issued October 17, 1995, will expire on October 17, 1996. State drilling permits are valid for 180 days from the date of issue and may be extended for an additional 180 days. Since these permits have now been extended for one year from the date of issue, it will be necessary for you to reinstate the permits if you plan to commence drilling after October 17, 1996.

You may reinstate the drilling permits by (1) submitting a new \$25.00 application fee for each permit to be reinstated, and (2) certify in writing that the wells will be drilled in accordance with the drilling prognoses submitted with the original applications. All conditions and notification requirements of the Permits remain in force.

Our records show that two of your wells are not in compliance with State Rules. What are your plans for plugging the 22-1 State (Permit 885) and cementing the annulus of the Plateau Cattle 1A (Permit 883)? I understand this could be accomplished by dispatching a cement truck from St. Johns.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 29, 1996

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Re: Expiration of Ridgeway 22-1X State, Permit 888

Dear Mr. Ruck:

I am writing to remind you that the Drilling Permit for the referenced well expires on August 25, 1996. You have until that date to commence drilling in accordance with the conditions of approval issued with the Permit on August 25, 1995.

Should you not commence drilling before August 25, 1996, it will be necessary for you to re-instate the permit. You may re-instate the permit by (1) submitting a new \$25.00 application fee, and (2) certifying in a letter that the well will be drilled in accordance with the drilling prognosis (dated August 24, 1995) submitted with the original application.

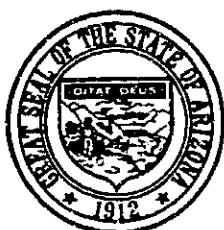
I would appreciate your advising me of the status of your plans to plug the 22-1 State (Permit 885) and cement the annulus of the Plateau Cattle 1A (Permit 883).

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

883



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 15, 1996

Mr. Alan P. Emmendorfer, Agent
Ridgeway Arizona Oil Corporation
5107 Budding Lane
Farmington, New Mexico 87402

file 883

Dear Mr. Emmendorfer:

This letter will serve as approval of your written request for a six-month extension to State Permits 888, 890, 891, 892, and 893. The new expiration dates will be August 25, 1996, for Permit 888 and October 17, 1996, for Permits 890, 891, 892, and 893.

Outstanding concerns on Ridgeway Arizona Oil Corporation's operations near St. Johns include

1. Plugging State 22-1 (Permit 885) from 218 feet to surface with cement;
2. Cementing open annulus on Plateau Cattle 1A (Permit 883);
3. Filing of washed and dried samples for State 3-1 (Permit 884);
3. Filing of Mud, SDL/DSN, and LSA logs on State 3-1 (Permit 884); and
4. Filing of Test Report and Gas Analysis on State 3-1 (Permit 884).

Washed and dried samples, and copies of all test reports, gas analyses, and all logs run are required pursuant to A.A.C. R12-7-121, a copy of which is enclosed for your information and file.

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

c Walter B. Ruck



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1995

Ms. Elizabeth Coffman
Dwight's EnergyData, Inc.
4350 Will Rogers Parkway, Suite 101
Oklahoma City, OK 73108

Dear Elizabeth:

The information you requested from our files 9-3, 13-1, 6, 14, 156, 372, 883, and 884 is enclosed. The Ridgeway wells (883 and 884) are still in confidential status. I can say, however, that the 3-1 (884) was drilled about 4 miles south of the Ridgeway/Canstar #1 Plateau Cattle ((880) which was also reported as a CO₂ discovery. Ridgeway has not yet proposed a name for this apparent CO₂ field.

As I have noted before, information in some of the earlier well files is sometimes quite meager.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

October 17, 1995

Memo: Alan Emmendorfer, Geologist & Agent, Ridgeway Arizona Oil Co.

From: *SF* Steve Rauzi, Oil & Gas Program Administrator

Subject: Ridgeway wells 22-1X State, 22-1 State, 1A Plateau Cattle, and
3-1 State *file 883*

An approved Sundry report and revised application for permit to drill the 22-1X State well in a location 25 feet from the location on the original application are enclosed.

What is the status on the plugging of the 22-1 State and topping off of the open annulus on the 1A Plateau Cattle? My understanding was that the 22-1 State and the annulus on the 1A Plateau Cattle were to be filled with concrete when the 1 Plateau Cattle was squeezed. I received a Sundry Notice reporting the squeeze of the 1 Plateau Cattle, but received nothing to date on the 22-1 State or 1A Plateau Cattle.

I received the completion report and Dual Laterolog for the 3-1 State. I have not received the Mud log, Spectral Density Dual Spaced Neutron log, LSA log, or the washed and dried samples for the 3-1 well. A copy of samples, test reports, and all logs run are required pursuant to A.A.C. R12-7-121.



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

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Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 25, 1995

Mr. Walter B. Ruck
Ridgeway Arizona Oil Corporation
1080, 700 4th Avenue S.W.
Calgary, Alberta T2P 3J4

file 883

Dear Mr. Ruck:

I am writing to confirm some of the items we discussed when I was in St. Johns earlier this week. These include (1) that the annular space on 1A will be cemented to the surface, (2) that the 22-1 will be plugged with concrete, (3) that signs will be posted at each well location, and (4) that a hearing is required to set special spacing. Regarding our discussion on spacing and unitization, I have enclosed a copy of the Arizona statutes on fieldwide unitization.

You should be aware that A.A.C. R12-7-107 (copy enclosed) sets gas-well spacing at 640 acres. Our record shows that your initial wells were drilled as oil wells on 80-acre spacing. You are now drilling gas wells. As a result, your future wells will need to comply with the 640-acre spacing requirement in R12-7-107 unless special spacing is granted as in the case for the Black Rock Field. I have enclosed a copy of that order (Order 56) for your information. From 50 to 60 days are required before the hearing. This to publish notice in the newspaper, review your exhibits, and prepare background material for the Commissioners.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

c Walter Ruck, St. Johns, Arizona



Fife Symington
Governor

State of Arizona
Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

June 1, 1995

file 883

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Dear Mr. Ruck:

Thank you for telecopying the Gallup newspaper article about your project. Imagine, looking for oil and finding tomatoes (and, of course, a lot of carbon dioxide and helium). There remains, however, the very real possibility of encountering commercial accumulations of good old-fashioned crude oil as drilling in that region continues.

The reference in the article to surplus steam or hot water from the generating station caused me to think of some early geothermal studies done in that region. In fact, the 1992 steam test near Alpine (that encountered bleeding oil from fractures in Supai rocks) was a recent outgrowth of these early studies. Would you use the surplus steam or hot water for heating or in the growing process?

In any event, I am taking the liberty of enclosing three of the resulting items from the early geothermal studies. These include: (1) Open file report 79-2a on the geothermal potential in the Springerville-St. Johns area, (2) Geothermal Resources map of Arizona, and (3) a *Fieldnotes* issue on geothermal potential in Arizona.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

Wednesday

May 31, 1995

Number 125 Volume 108



THE TRUTH WELL TOLD

Independent



7 24695 11111

Cardinals win, Page 5

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(505) 863-4811 [ELSEWHERE] (800) 545-3817

PER COPY 50¢

Man seeks oil, finds tomatoes in St. Johns

By Todd Fushion
Staff Writer

ST. JOHNS, Ariz. — When Walter B. Ruck came to St. Johns a couple of years ago, he was a wildcat prospector looking for oil in what appeared to be an overgrown area. Instead, he may have found tomatoes.

"It's a very feasible project," says Joey Grant, director of the St. Johns Chamber of Commerce. "He's talk-

ing about 40 acres under glass, plus the employment of up to 150 people."

Basically, the project would consist of a hydroponic greenhouse that would use carbon dioxide from wells in the St. Johns area, plus surplus steam or hot water from the nearby Salt River Project Colorado Generating Station.

Hydroponics consists of growing plants in nutrient rich solutions, us-

ing an inert material such as sand, gravel or rocks to provide support and inside a computerized and atmosphere controlled building.

"They're talking about a \$5 million investment to build the production facility," said Grant. "Once it's going, it will be a year-round operation."

Ruck, who is based in Calgary, Alberta, Canada, said "As the booming hydroponic industry is a very large consumer of carbon dioxide,

ide, locating the plants in close proximity to the gas field will provide an economic incentive."

Ruck said having his own supply of carbon dioxide would cut the cost of this gas by 50 percent compared to competitors. Carbon dioxide is the "life" of the plant, and the global warming due to the "greenhouse effect" in the atmosphere.

Ruck also announced the hiring of Eric E. Thornton, who was previously monitored and controlled by

election manager and grows for the J. B. Sumpster Co. of Mesa, Idaho. In charge of the Sumpster-SunChao vegetable greenhouse project.

Grant, who said he's worked with hydroponics in the past, said the growing plants are irrigated five times a day by circulating water through the gravel bed in which the plants are located.

The temperature and concentration of carbon dioxide is monitored locally monitored and controlled by

said Grant. "The only thing they haven't succeeded in the people who pick the tomatoes and cucumbers."

"Everything is monitored and controlled by gauges, sensors and computers," he said. "They tell the operators when to add more heat or more carbon dioxide or what mix-ture of nutrients to provide."

"It takes 60 to 90 days before the produce is ready to pick," he added. Ben Mann reports, Page 2

Man seek

"But, you get absolutely perfect produce, without blemishes or odd shape. You can't do this with water-mixing. There's no way to support them. As for corn, for-

It all began when Ruck, chief executive officer of the St. Johns Hydroponic Greenhouse Corp., saw a report in a petroleum magazine about an exploratory well drilled by the New Mexico Bureau of Mines in the Snowflake area.

Based on the magazine report and on personal observation, Ruck thought the St. Johns area rock formations looked promising for oil. He drilled, hoping to strike it rich. Millions of dollars were lost.

At a study by the U.S. Bureau of Mines in Amarillo, Texas, showed that the St. Johns area rock formations contained 91.5 percent carbon dioxide. 7.6 percent nitrogen, 0.45 percent hydrogen and 0.20 percent argon.

The gas is from 1,500 feet to 1,700 feet below ground level in the Supai-Fort Apache rock formation. During a 45-day test period last November and December, Ruck's first well produced 315 million cubic feet of gas.

The Ridgeview Plateau Cattle Co. has an 80 percent interest in more than 38,000 acres in the St. Johns area. Ridgeview Industries, Inc., a wholly owned subsidiary of the agricultural project.

Thornton, who will be a vice president of Ridgeview Industries, has 30 years of experience in all areas relating to "controlled environment agriculture," as well as greenhouse environmental systems and greenhouse structures.

At Sumpster, Thornton was directly responsible for the day-to-day production and economic modeling of greenhouse vegetable production at Sumpster's greenhouse project in Caldwell, Idaho.

Thornton was an executive board member for Sunco Ltd., a 12-acre greenhouse engineering project in Las Vegas, Nev., managed by Sunco. He worked in a development capacity for this and other projects.

Before becoming an independent consultant, Thornton has been a power, consultant, project manager and developer for various companies involved in the greenhouse production of flowers and vegetables in Alaska, Texas and Colorado.

A vice president of the Hydroponic Society of America, he regularly speaks publicly on greenhouse top production techniques, environmental controls, greenhouse structures and systems.

Thornton received a Bachelor of Science degree in Physics from Idaho State University, Pocatello, Idaho. He plans to relocate to St. Johns with his family in the near future.

Wednesday

May 31, 1995

Number 125 Volume 108



THE TRUTH WELL TOLD Independent



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Cardinals win, Page 5

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Man seeks oil, finds tomatoes in St. Johns

By Ted Fuston
Staff Writer

ST. JOHNS, Ariz. — When Walter B. Ruck came to St. Johns a couple of years ago, he was a wildcat prospector looking for oil in what appeared to be an overworked area. Instead, he may have found tomatoes.

"It's a very feasible project," says Joey Grant, director of the St. Johns Chamber of Commerce. "It's a

very large consumer of carbon dioxide, looking for hydrocarbon. It's a

very large consumer of carbon dioxide, looking for hydrocarbon. It's a

very large consumer of carbon dioxide, looking for hydrocarbon. It's a

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Man seek

"But, you get absolutely perfect produce, without blemishes or odd shapes.

"You can't do this with watermelon. There's no way to support them. As for corn for-

get it, it must be in a field to pollinate. It all began when Ruck, chairman of Ridgeview Petroleum Corp., saw a report in a petroleum magazine about an exploration well drilled by the New Mexico bureau of mines in the Snowflake area.

Based on the magazine report and on personal observation, Ruck thought the St. Johns area rock formations looked promising for oil. He drilled, hoping to strike it rich. Instead, he came up with helium and lots of carbon dioxide.

An analysis by the U.S. Bureau of Mines in Amarillo, Texas, showed samples from the Ridgeview well contained 91.5 percent carbon dioxide, 7.5 percent nitrogen, 0.65 percent helium and 0.20 percent argon. The gas is from 1,500 feet to 1,700 feet below ground level in the Supai-Fort Apache rock formation. During a 46-day test period last November and December, Ruck's first well produced 31.5 million cubic feet of gas.

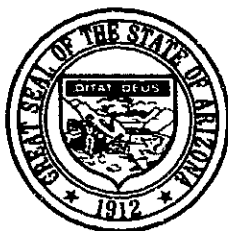
The Ridgeview Petroleum Corp. has an 80 percent interest in more than 38,000 acres in the St. Johns area. Ridgeview Industries, Inc., a wholly owned subsidiary of Ridgeview Petroleum, is developing the agricultural project.

Thomson, who will be a vice president of Ridgeview Industries, has 30 years of experience in all areas relating to "controlled environment agriculture," as well as greenhouse environmental systems and greenhouse structures. At Simplot, Thomson was directly responsible for the day-to-day production and economic modeling of greenhouse vegetable production in Sunco's greenhouse project in Caldwell, Idaho.

Thomson was an executive board member for Sunco Ltd., a 12-acre greenhouse enterprise project in Las Vegas, Nev., managed by Sunco. He worked in a development in Las Vegas, Nev., managed by Sunco. He worked in a development in Las Vegas, Nev., managed by Sunco.

Before becoming an independent project, Thomson has been a consultant, project manager and developer for various companies involved in the greenhouse production of flowers and vegetables in Alaska, Texas and Colorado. A vice president of the Hydroponic Society of America, he regularly speaks publicly on greenhouse top production techniques, environmental controls, greenhouse structures and systems.

Thomson received a Bachelor of Science degree in Physics from Midwestern University, Wichita Falls, Texas. He plans to relocate to St. Johns with his family in the near future.



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795

January 4, 1995



Larry D. Fellows
Director and State Geologist

Mr. Phil Gardner
P. O. Box 767
St. Johns, Arizona 85936

333-5469

Dear Phil:

As we discussed briefly on the phone this afternoon, I didn't find a whole lot of readily available information on the uses of carbon dioxide. The little bit of information I did find is very general and is enclosed. This includes page 86 from the Bureau of Mines Bulletin 180 on carbon dioxide in Arizona as of 1965, page 625 in the 1983 Encyclopedia Americana, and page 850 in the 1991 Encyclopedia Britannica.

A selected list of eight references on carbon dioxide that I gleaned from the 111 references on the holdings computer at the U of A library is also enclosed. The majority of the remaining references related to climate, global warming, or chemical properties of CO₂. Let me know if you have additional interest in any of these eight references.

It seems that I should have been able to provide a more useful list of references on the uses of carbon dioxide but hopefully the few that are enclosed will be a useful starting point in coming up with a viable market or commercial use for the apparent reserves of CO₂ in the St. Johns - Springerville area. Would the power plants have any need or uses for CO₂?

By the way, the Mae Belcher well east of Springerville also recorded fairly high concentrations of CO₂. A copy of the gas analysis form that well is enclosed for your information.

Sincerely,

Steve

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

January 4, 1995

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Re: Request for long-term shut-in pending further evaluation
Ridgeway Plateau Cattle Co. #1A
Sec. 15, T. 12 N., R. 29 E., Apache County, Arizona
State Permit #883

Dear Mr. Ruck:

This letter will serve as approval of your request for long-term shut-in of the #1A well pending further evaluation, namely, until such time as a final decision is made on the #1 well and a final decision on the development of the area is reached after additional drilling.

I will advise the Oil and Gas Conservation Commission of the State of Arizona of this approval in their next meeting on January 20, 1995. I will notify you should they not be in agreement with this approval.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Paul C. Thompson



RIDGEWAY PETROLEUM CORP.

1080, 700 - 4th AVENUE S.W., CALGARY, ALBERTA T2P 3J4
TELEPHONE: (403) 266-6362 FAX: (403) 262-5294

U.S. SUBSIDIARY - RIDGEWAY ARIZONA OIL CORP.

December 12, 1994

Arizona Geological Survey
State of Arizona
845 North Park Avenue, #100
TUSCON, Arizona 85719



Attention: Mr. Steven L. Rauzi
Oil & Gas Program Administrator

Dear Sir:


RE: AMENDED ORGANIZATION REPORT

Further to your letter to this office dated November 29, 1994, we are enclosing herewith an amended Organization Report.

We trust your will find this in order but should additional information be necessary please do not hesitate to call.

Yours truly,

RIDGEWAY ARIZONA OIL CORP.


E. M. Robertson,
Secretary

encl.

/m

OTHER WESTERN STATES: STATE OF ARIZONA
BLACK ROCK APACHE COUNTY

**Harken Southwest Corp. "Black Rock" 7X MAP:AZ
17-40N-29E, Fr SW cor 1572'E 1750'N 02-001-20296
(Navajo Tribal Lease #NOG-8707-1142) (SEH-DEV)
Waiting on Navajo Reservation permit. elev:6695'GR
6176'-est.td

SE JOHNS

*Ridgeway Arizona Oil Corp "R/C Plateau Cattle" 1
15-12N-29E, Fr NE cor 3023'S 3564'W 02-001-20295
9-5/8c.150 7c.722 4-1/2c.1830 MAP:AZ elev:6372'GR
Lease Name: "Ridgeway Canstar Plateau Cattle"
8-07/23/94 (L&B Speeddrill) Int:1400-1720' (NEW)
2413 Flow tested for 700 MCF/D, 0.65% helium,
91.5% carbon dioxide, 0.2% argon, width drop in
pressure. Currently running 30 day flow test.
3055-est.td

*Ridgeway Arizona Oil Corp "R/C Plateau Cattle" 1-22
22-12N-28E, MAP:AZ
Plan to drill one of the remaining locations near
around the end of January.

*Ridgeway Arizona Oil Corp "R/C Plateau Cattle" 1-3
3-11N-29E, MAP:AZ
Will apply for permit to drill a delineation well
up the structure from the discovery well to check
for gas. Rig will come from Flagstaff, AZ.

*Ridgeway Arizona Oil Corp "R/C Plateau Cattle" 1A-15
15-12N-29E, Fr NE cor 2983'S 3583'W 02-001-20298
7-5/8c.195 MAP:AZ elev:6372'GR 220'-est.td
(Lease Name: Ridgeway/Canstar Plateau Cattle)
8-11/25/94 (United Drilg of Roswell, NM) status:DRY
220 TD. Drld to test for a shallow aquifer found
while drlg first well. Found nothing. ABANDONED.
May deepen and use for water disposal.

DIXIE VALLEY STATE OF NEVADA
CHURCHILL COUNTY

Oxbow Geothermal Corp. "Dixie Valley" 32-15
15-24N-36E, NE 1/4 NW 1/4 27-001-90236 MAP:NV
Issued permit #413PA. (OBSERVATION)

SUSIE CREEK ELKO COUNTY

*Petroleum Corp of NV "AV" 10-5 27-007-05253
10-36N-54E, Fr NW cor 2524'S 660'E MAP:NV (NEW)
elev:6174'GR 8-09/12/94 (Transwestern Drlg)
2222 Active, "tight hole". 13,000'-est.td.

TROUT CREEK

*Foreland Corp. "Trout Creek" 26-1 27-007-05254
26-30N-52E, Fr SW cor 2727'N 1388'E MAP:NV (NEW)
Federal lease H-43782 elev:5473'GR 7000'-est.td
8-11/24/94 (Cardinal Drlg Co #4)
2222 Drilling.

ANTELOPE VALLEY EUREKA COUNTY

*Foreland Corp. "Hot Creek Wash Federal" 15-1
15-18N-50E, Fr SW cor 100'N 990'E 27-011-05286
Federal lease H-54864 MAP:NV elev:6298'GR
Permit #745 issued. 6000'-est.td (NEW)

RAILROAD VALLEY (cont.)NYE COUNTY (cont.)

*Equitable Res Energy Co "West Valley Fed" 34-18
18-8N-56E, Fr SE cor 1000'N 2000'W 27-023-05520
7c.600 MAP:NV elev:4713'GR 5000'-est.td (NEW)
Federal lease H-52148
8-11/28/94 (Cardinal Drlg Co #12)
2222 Drilling, no details.

SAGE SPRING

**Amerada Hess Corp. "Federal" 11-14 MAP:NV
14-7N-56E, Fr SW cor 1480'N 1920'E elev:4706'GR
Federal lease H-47546 5000'-est.td (ZNT)
Applied for permit.

*Cenex, Inc. "Federal" 14-11 27-023-05516 MAP:NV
11-7N-56E, Fr SW cor 1630'E 400'N elev:4708'GR
Federal Lease H-47546 6265'-est.td (SEH-DEV)
Issued permit #736.

*Cenex, Inc. "Federal" 8-7 MAP:NV elev:4721'GR
7-8N-56E, Fr NE cor 1920'S 902'W (SEH-DEV)
Federal lease H-52148
Notice of staking.

WHITE RIVER VALLEY

*Connolly Exploration Inc. "Fox Mountain" 4-1
4-4N-62E, NW 1/4 MAP:NV 5500'-est.td (NEW)
Federal lease H-58832
Notice of staking.

*Connolly Exploration Inc. "Gap Mountain" 33-1
33-5N-62E, NE 1/4 MAP:NV 5500'-est.td (NEW)
Federal lease H-58-049
Notice of staking.

DIXIE VALLEYPERSHING COUNTY

*Ouida Oil, Inc. "Ouida Federal Dixie" 1 MAP:NV
25-25N-37E, Fr NW cor 845'S 415'E 27-027-05003
Federal lease H-41325 elev:3492'GR 6500'-est.td
Rigging up. Plan to spud next week. (NEW)

KYLE SPRING

*Evans-Barton, Ltd "Kyle Spring" 12-13 MAP:NV
12-29N-36E, Fr SW cor 1997'N 897'E 27-027-05002
Federal lease H-50388 elev:4483'GR 1000'-est.td
8-08/11/94 (Bonto Drlg) (NEW)
1162 Evaluated. Standing.

CHERRY CREEKWHITE PINE COUNTY

*Hunt Oil Co of NV "Cherry Creek Unit" USA 1
18-25N-64E, SE cor 1980'N 1855'W 27-033-05285
Will not be drilled at this time. MAP:NV (NEW)
elev:5971'GR 17,500'-est.td

JAKE'S VALLEY

*ARCO Oil & Gas Co. "Bobcat" 1-29 27-033-05295
29-16N-61E, Fr SW cor 365'N 1780'E MAP:NV (NEW)
Federal lease H-57677 elev:7105'GR 8500'-est.td
Permit #715 approved.

LONG VALLEY

*Pioneer Oil & Gas "Grubstake" 16-1 MAP:NV
16-21N-57E, Fr SE cor 195'N 2301'W elev:6939'GR
Federal Lease H-50656 (NEW)
Notice of staking.

STEPTOE VALLEY

*Trio Petroleum Inc. "Federal" 54X-36 MAP:NV



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

December 7, 1994

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Re: Blanket Performance Bond Coverage for
Ridgeway Arizona Oil Corporation

Dear Walter:

The securities safekeeping deposit receipt for your \$15,000 certificate of deposit and my memorandum to the bonding file concerning the status of your blanket performance bonding in Arizona are enclosed for your file.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

November 29, 1994

Mr. Walter B. Ruck, President
Ridgeway Arizona Oil Corporation
1080, 700-4th Avenue S.W.
Calgary, Alberta T2P 3J4

Re: Ridgeway Plateau Cattle Co. #1A
Sec. 15, T. 12 N., R. 29 E., Apache County, Arizona
State Permit #883

Dear Walter:

A copy of the approved Application for Permit to Drill the shallow offset well referenced above, Permit to Drill #883, and filing fee receipt #3071 are enclosed. This permit is issued after-the-fact based on the verbal approval to drill which you obtained from this office earlier this month.

Your \$15,000 bond has been placed in safekeeping with the Secretary of State. This amount, added to the \$10,000 bond posted previously, is sufficient for the \$25,000 state-wide bond. Future applications to drill may note this fact in the appropriate box.

Mr. Alan Emmendorfer is in the office today and I have provided him with a copy of the oil and gas rules and forms of the State of Arizona.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

PS I note that John B. Somers is listed as vice-president of Ridgeway Arizona Oil Corporation. If this is not currently correct, A.A.C. R12-7-194 requires that a new organization report be submitted as soon as any changes are made in the organization. I also note missing information on the enclosed copy of the organization report currently on file in this office. This information should be supplied on an updated organization report as soon as possible.

P.S. Amount due notice for publications also enclosed

Bank One, Arizona, NA

ST JOHNS OFFICE
P O BOX 279
ST JOHNS, AZ 85936

11-18-1994

DR. LARRY D. FELLOWS
845 N. PARK AVE., #100
TUCSON, AZ 85719

Dear DR. FELLOWS:

ENCLOSED IS THE BOND FOR RIDGEWAY ARIZONA OIL CORP.

PER OUR CONVERSATION TODAY, PLEASE FORWARD IT THE THE
STATE TREASURERS OFFICE.

IF YOU NEED FURTHER ASSISTANCE NEXT WEEK, PLEASE CALL MY
PERSONAL BANKER TAMIE HERRICK. SHE SHOULD BE ABLE TO
ASSIST YOU, OR I WILL BE BACK IN THE OFFICE ON FRIDAY,
NOVEMBER 25TH.

IT WAS A PLEASURE TALKING TO YOU TODAY AND I AM LOOKING
FORWARD TO MEETING YOU WHEN YOU COME TO ST. JOHNS.

Sincerely,

Barbara L Preston

Barbara L Preston
MANAGER
ST JOHNS OFFICE
(602) 337-4191



RIDGEWAY PETROLEUM CORP.

1080, 700 - 4th AVENUE S.W., CALGARY, ALBERTA T2P 3J4
TELEPHONE: (403) 266-6362 FAX: (403) 262-5294

November 14, 1994

Arizona Geological Survey
845 North Park Avenue #100
Tuscon, Arizona 85719

Attention: Mr. Rick Trapp

Dear Rick:

RE: APPLICATION FOR PERMIT TO DRILL
RIDGEWAY PLATEAU CATTLE CO. #1A
NE/SW SEC 15, T12N, RGE 29E
APACHE COUNTY, ARIZONA

Enclosed please find the application for permit to drill the referenced well with the drilling prognosis and a cheque in the amount of \$25.00 for the application fee.

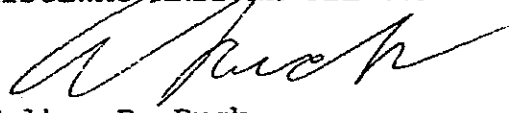
We would appreciate your expediting this matter for us as the drilling rig became available quicker than we had anticipated.

I'll be in the Trail Riders Inn in St. John from November 16 onward
- telephone 337-4422.

Thank you very much.

Yours sincerely,

RIDGEWAY ARIZONA OIL CORP.


Walter B. Ruck,
President

encl.

/m



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #109
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

November 28, 1994

Memo: Blanket Bond File

From: *SLR* Steven L. Rauzi, Oil and Gas Program Administrator

Re: Blanket Bond for Ridgeway Arizona Oil Corporation
St. Johns Bank One Certificates of Deposit #4002112 & 4002111

Ridgeway Arizona Oil Corporation has posted a \$25,000 blanket bond consisting of two separate certificates of deposit as referenced above. As a result of these two separate certificates of deposit representing a single bond of \$25,000, they should be held in safekeeping together and not released until all wells drilled by Ridgeway Arizona Oil Corporation under its blanket bond, whether productive or not, have been plugged and abandoned.

The \$25,000 blanket bond consists of two separate certificates of deposit because Ridgeway Arizona Oil Corporation initially posted a \$10,000 bond for a single well, the Plateau Cattle Company #1 (permit 880). That well was considered a potential discovery that could lead to the drilling of several confirmation and development wells and a blanket bond was desired. Rather than cash the \$10,000 certificate with a penalty and post a \$25,000 certificate of deposit, Ridgeway posted an additional, and separate, \$15,000 certificate to bring its total bond amount up to the \$25,000 required for blanket bond coverage.

SECURITIES SAFEKEEPING
1700 WEST WASHINGTON ST. - PHOENIX, ARIZONA 85007

DATE: 11-28-94

STATE AGENCY NO. _____

STATE AGENCY ARIZONA GEOLOGICAL SURVEY

State Treasurer's Use Only

COMPANY RIDGEWAY ARIZONA OIL CORP ✓
1080 700 4TH AVE SW
CALGARY, ALBERTA CANADA

DOMESTIC FOREIGN

DEPOSIT

C.D. NO.: 4002112 ✓

BANK: BANK ONE, ARIZONA, NA ✓

MATURITY DATE: 11-18-95 ✓

INTEREST RATE: 3.85 % ✓

AMOUNT \$ 15,000.00 ✓

RECEIVED
STATE TREASURER
NOV 29 9 30 AM '94

C.D. ASSIGNMENT MUST BE ATTACHED UNLESS C.D. IS PAYABLE TO STATE TREASURER

RELEASE

C.D. NO.:

BANK:

MATURITY DATE:

INTEREST RATE: %

AMOUNT \$

STATE TREASURER VALIDATION NO. _____

RECEIVED THE ABOVE RELEASE

STATE AGENCY AUTHORIZATION

BY

Authorized Signature

Date

BY

Authorized Signature

STATE TREASURER AUTHORIZATION

BY

Authorized Signature

Bank or Firm

FOR BANK USE ONLY

BANK AUTHORIZATION

BY

Authorized Signature

Checked by

Verified by

STATE'S DEPOSITORY BANK

ASSIGNMENT TO ARIZONA STATE TREASURER
SECURITY IN LIEU OF CASH DEPOSIT FOR COMPLIANCE WITH
SECTION 35-155 ARIZONA REVISED STATUTES

NAME RIDGEWAY ARIZONA OIL CORP.
STREET ADDRESS 1080 700 - 4th Ave. S.W. Calgary CITY Calgary
Alberta Canada T2P 3J4 (403) 266.6362
COUNTY STATE TELEPHONE NUMBER

hereinafter referred to as ASSIGNOR, does hereby assign and transfer to the Treasurer of the State of Arizona, hereinafter referred to as the TREASURER, all right, title and interest of any kind whatsoever, owned or held by Assignor in the principal, but not in the interest hereinafter accruing after the date of this assignment in the insured account of ASSIGNOR so long as such funds remain on deposit in the

Bank One, Az.
whose address is 820 W. Cleveland FINANCIAL INSTITUTION St. Johns, Az. 85936 Apache
STREET ADDRESS CITY COUNTY

Arizona, as evidenced by an account in the amount of -----FIFTEEN THOUSAND AND NO/100-----
dollars (\$ 15,000.00) identified by account number 8157-4865/4002112 which account is insured by the
Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation. This assignment is given as security for
compliance with A.R.S. 27-501 through 27-539, 27-651 through 27-677, and with the Rules of
the Oil and Gas Conservation Commission of the State of Arizona.

Dated this 18 day of November, 1994, at St. Johns, Arizona.

IMPORTANT - SIGNATURE OF ASSIGNOR

This Assignment shall be signed by the
Individual Himself

RIDGEWAY ARIZONA OIL CORP.

NAME OF ASSIGNOR AS SHOWN ABOVE

BY:

[Signature]
SIGNATURE OF ASSIGNOR

FIRST ENDORSEMENT - RECEIPT FOR NOTICE OF ASSIGNMENT

Receipt is hereby acknowledged to the Treasurer of the State of Arizona, hereinafter referred to as the TREASURER, of written notice of the assignment to said Treasurer of the above-identified account. We have noted our records to show the interest of the Treasurer in said account as shown in and by the assignment above. We have retained a copy of this document. We hereby certify that we have not received any notice of lien, encumbrance, hold, claim or other obligation against the above-identified account prior to its assignment to the Treasurer. We further hereby waive any current and future right of set-off against such account. We agree to make payment as required by the Rules and Regulations of the Treasurer adopted in accordance with applicable laws and the law applicable to this institution.

Dated this 18 day of November, 1994, at St. Johns, Arizona

BANK ONE ARIZONA, N.A.

BY [Signature] NAME OF FINANCIAL INSTITUTION MANAGER
SIGNATURE OF OFFICER OF FINANCIAL INSTITUTION TITLE

Subscribed and sworn before me this 18 day of November, 1994



[Signature]
NOTARY PUBLIC
STATE OF ARIZONA
County of Apache
TAMELA S. GONZALES
My Appointment Expires May 31, 1995

SECOND ENDORSEMENT - RECEIPT FOR SECURITY AND DIRECTION TO PAY EARNINGS

Receipt is acknowledged of the assignment above and the account identified in the assignment above. The financial institution named in the assignment above is hereby authorized and directed to pay any earnings credited after the date of this assignment on the above-identified account of the above-named assignor.

Dated this 18 day of November, 1994, at St. Johns, Az., Arizona.

ARIZONA STATE TREASURER

Treasurer or Authorized Representative

By: [Signature]
(Prepare in duplicate. Please Type all information)

Attach Original Assignment to Certificates of Deposit and TTBs and State.

SECURITIES SAFEKEEPING
1700 WEST WASHINGTON ST. - PHOENIX, ARIZONA 85007

DATE: 7/7/94

STATE AGENCY NO. _____

STATE AGENCY OIL & GAS CONSERVATION COMMISSION

COMPANY RIDGEWAY ARIZONA OIL CORP. ✓
1080 700 4TH AVENUE S.W.
CALGARY ALBERTA T2P 3J4

State Treasurer's Use Only

DOMESTIC FOREIGN

DEPOSIT

C.D. NO.: 4002111 ✓

BANK: BANK ONE, ARIZONA, NA ✓

MATURITY DATE: 6/14/95 ✓

INTEREST RATE: 3.3500 % ✓

AMOUNT \$ 10,000.00 ✓

RECEIVED
STATE TREASURER
JUL 8 9 12 AM '94

C.D. ASSIGNMENT MUST BE ATTACHED UNLESS C.D. IS PAYABLE TO STATE TREASURER

RELEASE

C.D. NO.:

BANK:

MATURITY DATE:

INTEREST RATE: %

AMOUNT \$

STATE TREASURER VALIDATION NO. _____

RECEIVED THE ABOVE RELEASE

STATE AGENCY AUTHORIZATION

BY

Authorized Signature

Date

BY

Authorized Signature

STATE TREASURER AUTHORIZATION

BY

Authorized Signature

Bank or Firm

BANK AUTHORIZATION

FOR BANK USE ONLY

BY

Authorized Signature

Checked by

Verified by

STATE'S DEPOSITORY BANK

ASSIGNMENT TO ARIZONA STATE TREASURER
SECURED IN LIEU OF CASH DEPOSIT FOR COMPLIANCE WITH
SECTION 35-155 ARIZONA REVISED STATUTES

RIDGEWAY ARIZONA OIL CORP.
NAME 1080, 700 - 4th Ave. S.W. Calgary CITY
STREET ADDRESS (403) 266-6362
COUNTY Alberta Canada T2P 3J4 STATE TELEPHONE NUMBER

hereinafter referred to as ASSIGNOR, does hereby assign and transfer to the Treasurer of the State of Arizona, hereinafter referred to as the TREASURER, all right, title and interest of any kind whatsoever, owned or held by Assignor in principal, but not in the interest hereinafter accruing after the date of this assignment in the insured account of ASSIGNOR so long as such funds remain on deposit in the

ST. JOHNS BANK ONE
FINANCIAL INSTITUTION
whose address is 820 West Cleveland, St. Johns, Arizona 85936
STREET ADDRESS CITY COUNTY

Arizona, as evidenced by an account in the amount of ---TEN THOUSAND---
dollars (\$ 10,000.00) identified by account number 81575016 ✓ which account is insured by the
Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation. This assignment is given as security for compliance
with A.R.S. §§ 27-501 through 27-539, §§ 27-651 through 27-677, and with the Rules of the Oil and Gas Conservation Commission.

Dated this 9 day of June, 1994, at St. Johns, Arizona.

IMPORTANT - SIGNATURE OF ASSIGNOR

This assignment shall be signed by the
Individual Himself

RIDGEWAY ARIZONA OIL CORP.
NAME OF ASSIGNOR EXACTLY AS SHOWN ABOVE

BY: *[Signature]*
SIGNATURE OF ASSIGNOR

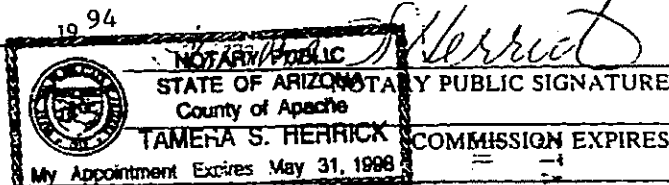
FIRST ENDORSEMENT - RECEIPT FOR NOTICE OF ASSIGNMENT

Receipt is hereby acknowledged to the Treasurer of the State of Arizona, hereinafter referred to as the TREASURER, of written notice of the assignment to said Treasurer of the above-identified account. We have noted in our records to show the interest of the Treasurer in said account as shown in and by the assignment above. We have retained a copy of this document. We hereby certify that we have not received any notice of lien, encumbrance, hold, claim or other obligation against the above-identified account prior to its assignment to the Treasurer. We further hereby waive any current and future right of set-off against such account. We agree to make payment as required by the Rules and Regulations of the Treasurer adopted in accordance with applicable laws and the law applicable to this institution.

Dated this 14 day of JUNE, 1994, at ST JOHNS, Arizona.

BANK ONE ARIZONA, NA
NAME OF FINANCIAL INSTITUTION
BY *[Signature]* CUSTOMER SERVICE ASSISTANT
SIGNATURE OF OFFICER OF FINANCIAL INSTITUTION TITLE

Subscribed and sworn before me this 14 day of JUNE, 1994



SECOND ENDORSEMENT - RECEIPT FOR SECURITY AND DIRECTION TO PAY EARNINGS

Receipt is acknowledged of the assignment above and the account identified in the assignment above. The financial institution named in the assignment above is hereby authorized and directed to pay any earnings credited after the date of this assignment on the above-identified account of the above-named assignor.

Dated this day of 1994, at Arizona.

ARIZONA STATE TREASURER
Treasurer or Authorized Representative
BY *[Signature]*
(Prepare in duplicate. Please Type all Information)

Attach Original Assignment to Certificate of Deposit and File with State.

Bank One, Arizona, NA**Certificate of Deposit
NON TRANSFERABLE****4002111**BRANCH ST JOHNS OFFICEBRANCH NO. 043 DATE 06-14-94

THIS CERTIFIES THAT THERE HAS BEEN DEPOSITED IN THIS BANK

PAY TO RIDGEWAY ARIZONA OIL CORP.ACCOUNT NO. 81575016\$ 10,000.00(UPON
SURRENDER
OF THIS
CERTIFICATE
PROPERLY
ENDORSED)1080 700 4TH AVENUE S.W.CALGARY, ALBERTA

00000

THIS CERTIFICATE MATURES IN 365 Days FROM ISSUE DATE ON
June 14 19 95 INTEREST IS TO BE PAID Monthly
AT THE RATE OF 3.3500 % PER ANNUM ON AN ACTUAL NUMBER OF DAYS PER YEAR BASISFIRST INTEREST PAYMENT DUE 07-14-94☐ SINGLE MATURITY - INTEREST CEASES AT MATURITY☒ AUTOMATICALLY RENEWABLE - THE CERTIFICATE WILL AUTOMATICALLY RENEW EVERY365 Days

UNLESS REDEEMED WITHIN 10 CALENDAR DAYS (ONE BUSINESS DAY FOR MATURITIES OF 31 DAYS OR LESS) AFTER ANY MATURITY. THE BANK RETAINS THE RIGHT TO REDEEM THIS CERTIFICATE OR CHANGE THE INTEREST RATE AND OTHER TERMS AS OF ANY MATURITY.

Barbara L. Preston
AUTHORIZED SIGNATURE

0-100-0675 Rev. 7/91 (2/93)

COPY

Bank One, Arizona, NA**Certificate of Deposit
NON TRANSFERABLE****4002112**BRANCH St. JohnsBRANCH NO. 043 DATE 11-18-94

THIS CERTIFIES THAT THERE HAS BEEN DEPOSITED IN THIS BANK

PAY TO Ridgeway Arizona Oil Corp.
1080 700 4th Ave SWACCOUNT NO. 8157-4865\$ 15,000.00(UPON
SURRENDER
OF THIS
CERTIFICATE
PROPERLY
ENDORSED)Calgary, Alberta
CanadaTHIS CERTIFICATE MATURES IN 365 days (1 yr) FROM ISSUE DATE ON
11-18 19 95 INTEREST IS TO BE PAID Monthly
AT THE RATE OF 3.85 % PER ANNUM ON AN ACTUAL NUMBER OF DAYS PER YEAR BASISFIRST INTEREST PAYMENT DUE 12-18-94☐ SINGLE MATURITY - INTEREST CEASES AT MATURITY☒ AUTOMATICALLY RENEWABLE - THE CERTIFICATE WILL AUTOMATICALLY RENEW EVERY 365 days

UNLESS REDEEMED WITHIN 10 CALENDAR DAYS (ONE BUSINESS DAY FOR MATURITIES OF 31 DAYS OR LESS) AFTER ANY MATURITY. THE BANK RETAINS THE RIGHT TO REDEEM THIS CERTIFICATE OR CHANGE THE INTEREST RATE AND OTHER TERMS AS OF ANY MATURITY.

Barbara L. Preston
AUTHORIZED SIGNATURE

0-100-0675 Rev. 7/91 (2/93)

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual
 RIDGEWAY ARIZONA OIL CORPORATION
 Mailing Address and Phone Number
 1080,700 - 4th Ave. SW Calgary, Alberta, Canada T2P-3J4
 Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)
 Corporation
 Purpose of Organization (State type of business in which engaged)
 Oil & Gas Exploration and Production
 If a reorganization, give name and address of previous organization
 Newco

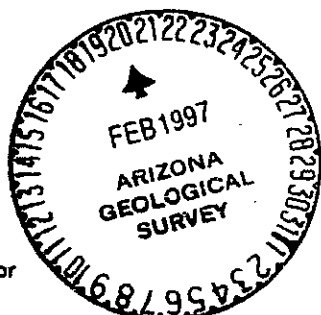
If a foreign corporation, give (1) State where incorporated Arizona State Corp.	(2) Name and mailing address of state agent Don Riggs PO Box 1110 St. Johns, AZ 85936	(3) Date of permit to do business in state May 16, 1994
Principal Officers or Partners (if partnership) NAME	TITLE	MAILING ADDRESS
Walter B. Ruck	President	2604 Signal Ridge View SW Calgary Alberta T3H 3G1
Don R. Riggs	Vice President	PO Box 1110 St. Johns, AZ 85936
E. Maxine Robertson	Secretary	872 Queensland Dr. SE Calgary, Alberta T2J 6E6

DIRECTORS NAME	MAILING ADDRESS
Walter B. Ruck	As above
Don R. Riggs	As above
E. Maxine Robertson	As above

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice-President of the Ridgeway Arizona Oil Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Date



Mail completed form to:
 Oil and Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress, #100
 Tucson, AZ 85701

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

Organization Report
 File One Copy

Form No. 1